

IF we were to deliver Chinese Food TO SATURN. WHAT would the weight of the food be if the food had a mass of 5 kg?

① ^{Data}
 $g = 11.1 \text{ m/s}^2$ $m = 5 \text{ kg}$

$W = ?$

② EQUATION $W = mg$

③ SUBSTITUTION $W = (5 \text{ kg})(11.1 \text{ m/s}^2)$

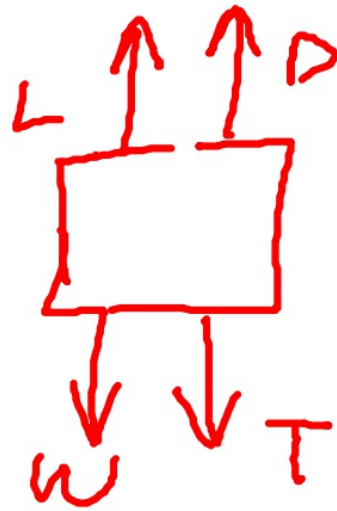
④ Answer

⑤ UNITS/DIR

$W = 55.5 \text{ N}$



- Weight
- NORMAL FORCE
- Tension
- LIFT FORCE
- Friction F
- DRAG
- Thrust



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